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Amendments To The Claims

This listing of claims will replace all prior versions and listings of claims in the

application.

Listing of claims:

1.   (Currently amended) A liquid crystal display (LCD), comprising:

a data storing ~~means for storing~~ device, which stores present input data

and which outputs previously stored ~~outputting the stored~~ present input data as

previous input data;

a look-up table device that stores a predetermined number of values,

each of which represents a preset analog voltage value, for storing corrected

present input data and corrected previous input data, each of which corresponds

to the present input data and the previous input data;

a controller that:

generates ~~controlling means for generating~~ first and second load

signals,

stores ~~storing the~~ a first present input data ~~at~~ in the data storing

device, ~~means~~

reads ~~reading~~ out ~~the~~ a first previous input data from the data

storing device, ~~means~~

converts ~~converting~~ the first present input data and the first

previous input data into ~~the~~ a first corrected present input data and ~~the~~ a

first corrected previous input data with reference to the look-up table

device,

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calculates ~~calculating~~ a mean value of the ~~based on the~~ first

corrected present input data and the first corrected previous input data,

replaces ~~replacing~~ the calculated mean value with a value

approximating [[to]] an original gray scale data value, and

outputs ~~outputting~~ the replaced value as [[free-charge]] pre-charge

data; and

a liquid crystal driver that converts ~~driving means for converting~~ the [[free-

charge]] pre-charge data into analog signals and generating liquid crystal driving

signals based on the converted analog signals in response to the first and

second load signals.

2.   (Currently amended) An LCD as claimed in claim 1, wherein the look-up

table stores preset 64 gray scale analog voltages, each of which corresponds

~~corresponding~~ to ~~the~~ present input data.

3.   (Currently amended) An LCD as claimed in claim 1, wherein the controller

~~controlling means~~ comprises a correcting data generator for converting and

outputting the present input data and the previous input data into the corrected

present input data and the corrected previous input data with reference to the

look-up table, an adder for adding both the corrected present input data and the

corrected previous input data, a divider for dividing the data added by the adder

to calculate ~~the~~ a mean value, and a data replacer for replacing the mean value

calculated by the divider with the value approximating to the original gray scale

data and outputting the replaced value.

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4.   (Original) An LCD as claimed in claim 2, wherein the data replacer adds a

predetermined weight to the mean value calculated by the divider and performs

data replacement through rounding off.

5.   (Currently amended) An LCD as claimed in claim 1, wherein the liquid

crystal driver ~~driving means~~ comprises a digital/analog converter for converting

and outputting the [[free-charge]] <u>pre-charge</u> data into the analog signals, a first

switch for performing switching in response to the first load signal, a second

switch for performing switching in response to the second load signal, a sample

and holder circuit section for performing sampling and holding of output signals of

the digital/analog converter when the first switch is switched, an output amplifier

for amplifying and outputting the sampled and held signals when the second

switch is switched.

6.   (Currently amended) A method for driving a liquid crystal display (LCD)

with a look-up table, in which the look-up table has a plurality of analog voltages

corresponding to a plurality of gray scale data, the method comprising the steps

of:

        storing present input data at a data storage unit;

        reading ~~out~~ <u>from the data storage unit, previously stored</u> present input

data stored ~~at the data storage unit~~ as previous input data;

        converting the present input data and the previous input data into

corrected present input data and corrected previous input data respectively<u>,</u> with

reference to the look-up table;

        calculating a mean value ~~based on~~ <u>of</u> the corrected present input data and

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the corrected previous input data;

generating [[free-charge]] pre-charge data by replacing the calculated

mean value with a value approximating to original gray scale data and;

converting the [[free-charge]] pre-charge data into analog signals and

performing sampling and holding of the converted results;

and amplifying the sampled and held analog signals to generate liquid

crystal driving signals.

7.   (Currently amended) A method as claimed in claim 6, wherein the step of

generating the [[free-charge]] pre-charge data comprises the sub-steps of:

adding a predetermined weight to the calculated mean value, and

performing rounding off the mean value added by the weight.

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